

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/010843 A1

(51) International Patent Classification⁷: **G08B 26/00**,
13/14, 21/24, G07C 1/20

[SG/SG]; Blk 98 Whampoa Drive, #09-126, Singapore
320098 (SG).

(21) International Application Number:
PCT/SG2004/000184

(74) Agent: **LAWRENCE Y D HO & ASSOCIATES PTE LTD**; 30 Bideford Road, #07-01 Thongasia Building, Singapore 229922 (SG).

(22) International Filing Date: 17 June 2004 (17.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
200304267-8 31 July 2003 (31.07.2003) SG

(71) Applicant (for all designated States except US): **KENET-ICS INNOVATIONS PTE LTD** [SG/SG]; 2 Tannery Road, Cencon Building #05-01, Singapore 347720 (SG).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

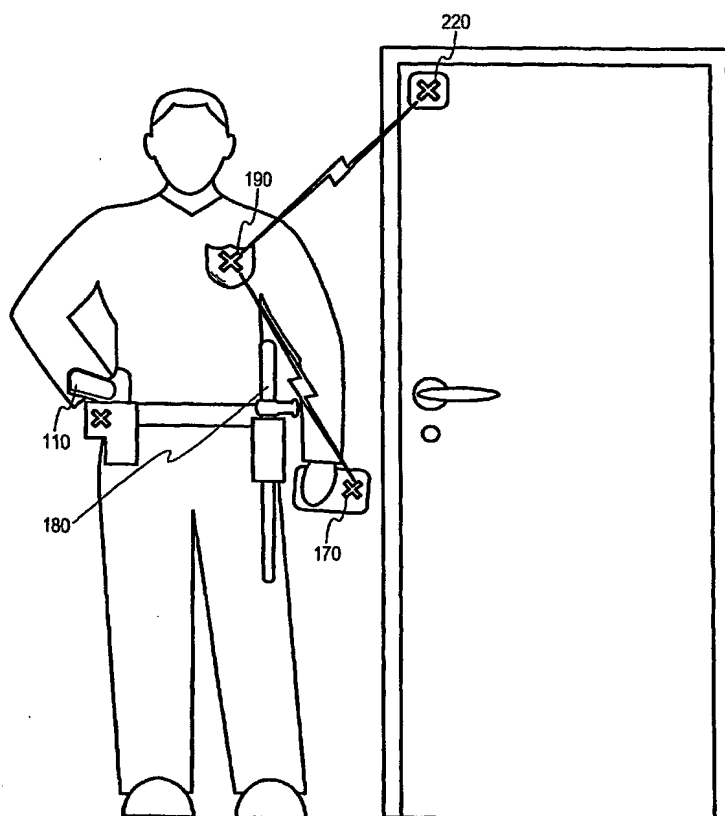
(72) Inventor; and

(75) Inventor/Applicant (for US only): **WONG, Kai, En**

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: **USE OF RFID TAGS AND READERS TO AUTOMATE REAL TIME ALERT SIGNALS IN A SECURITY SYSTEM**



(57) Abstract: A security system for automatically transmitting alert signals when a security appliance such as a firearm (110) carried by a security officer is drawn from its holster (130), and the method of enabling such a function under the present invention is described. The present invention makes use of radio frequency identification tags (eg 120, 134) and readers (eg 136, 186) to trigger these automatic alerts. The present invention also uses a locator function associated with a mobile device to automatically direct aid to the officer in danger. The present invention also encompasses a method of conducting security guard patrols that monitors the progress of the security guard in real time as he logs each checkpoint of the tour, through the use of RFID tags and readers.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*